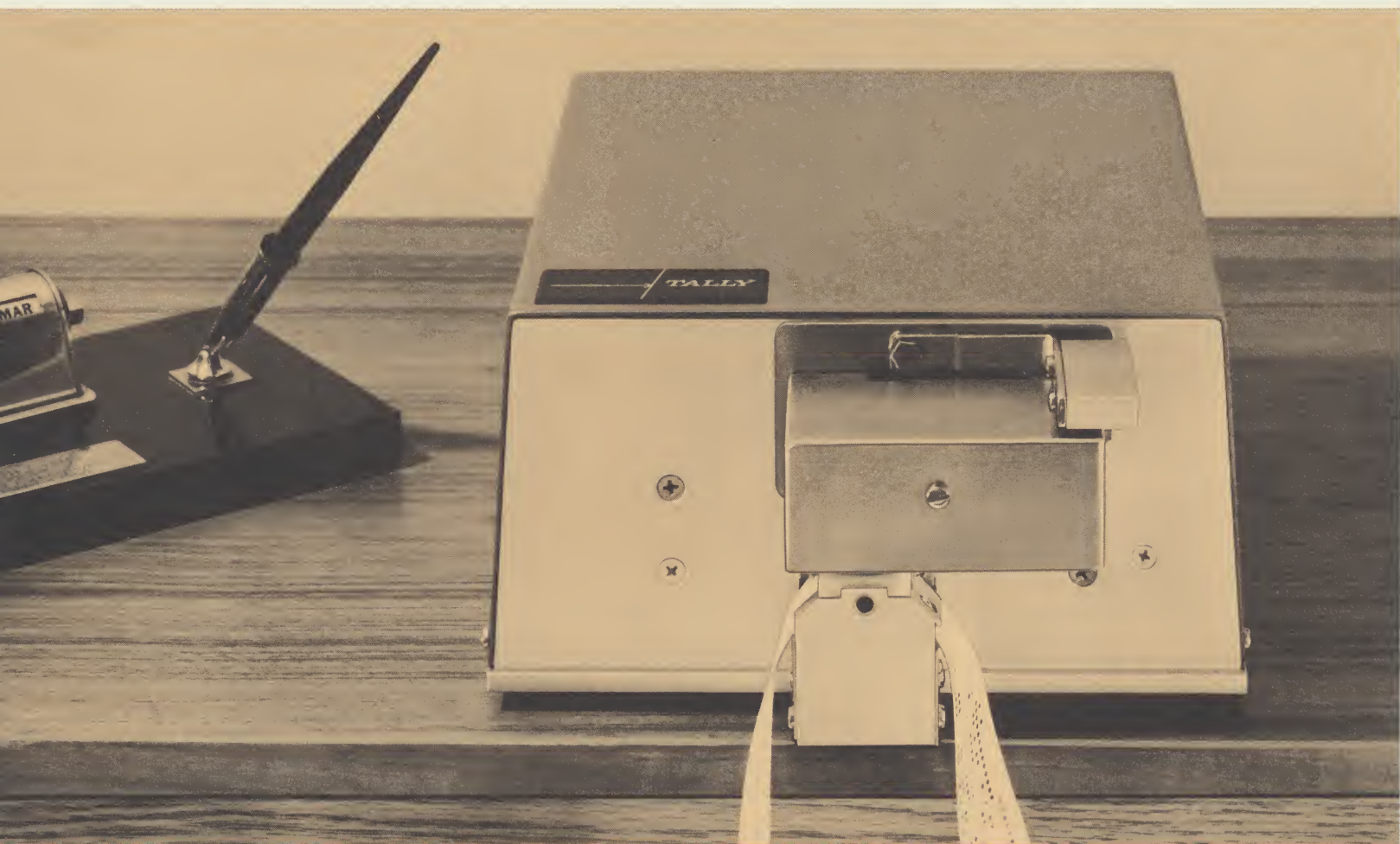
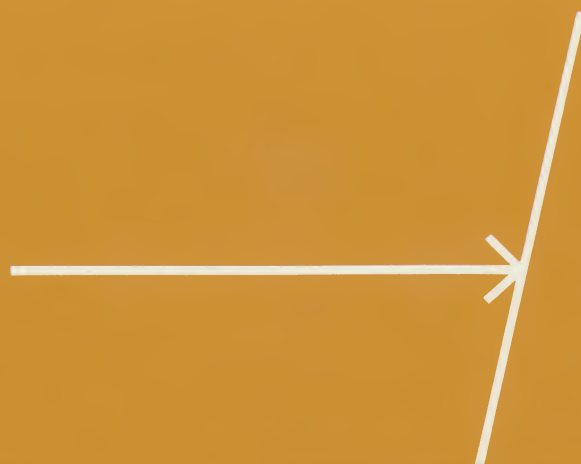


the Tally Mark 10



 **TALLY**

the Tally Mark 10

INTRODUCTION

The Mark 10 is a compact, desk top unit designed to transmit relatively short lengths of data (typically 100 foot lengths of tape), over telephone lines. The Mark 10 is used in conjunction with a Bell System 402A or 402C Data-Phone transmitting set. Information in perforated tape form is read by the Mark 10 for transmission over ordinary telephone lines by the Data-Phone unit. The Mark 10 will handle up to eight levels of tape at a speed of 60 characters per second (600 words per minute) in unidirectional operation. The unit has a low operating noise level permitting use in a quiet office without distraction.

OPERATION

Operation of the Mark 10 is simple. Prior to establishing telephone contact with the receiving station, the tape is inserted in the read head with 12 inches of blank leader (sprocket hole only) ahead of the punched data. When clear voice communication indicates good contact has been made, both the transmitting and receiving station operators transfer the equipment from the voice to the data communication mode by pressing a button on their respective Data-Phone sets. The read head is then closed and the Mark 10 automatically begins to read and transmit data. The Mark 10 stops automatically at the end of the tape. No tape handling is provided with the Mark 10.

OPTIONAL FEATURE

The Mark 10 may be equipped with unattended answering capability. With this feature the Mark 10 will, automatically and without operator attendance, begin transmission of data when signaled to do so by the receiving terminal. When the Mark 10 reaches the end of the tape, it will terminate transmission and, after a short delay, disconnect the phone circuit.

The receiving terminal will be equipped with a Bell System 402D Data-Phone data set and a Tally Mark 1B-60 (UA) or equivalent system. The Mark 10 (UA) with unattended answer must be used in conjunction with the Bell System 402C Data-Phone data set. The specifications for the Mark 10 with unattended answer are the same as for the basic system.

SPECIFICATIONS

POWER REQUIREMENTS:

A standard 105-125 volt AC, 60 cycle power source is required for 60 character per second operation. A 50 cycle source is permissible; however, transmission speed will be reduced to 50 cps. The unit can be supplied with a 230 volt motor, either 50 or 60 cycle, at additional cost.

The power requirement is approximately 30 watts. No radio frequency interference is generated during operation.

The power plug is a three wire type; a good earth ground must be provided at the receptacle.

ENVIRONMENT:

The Mark 10 will operate in any attitude in which the tape can be fed through the read head. It will operate within a temperature range of $+32^{\circ}$ to 120° F (0° to 50° C). Storage is permissible in a temperature range from -4° to 176° F (-20° to 80° C). The unit must be operated in a vibration-free area.

DIMENSIONS:

The Mark 10 is $8\frac{3}{4}$ inches wide, $4\frac{3}{4}$ inches high, and $11\frac{1}{4}$ inches deep, including the read head. It weighs slightly over eight pounds and is supplied with a $7\frac{1}{2}$ foot power cord.

OUTPUT DATA:

The output of the Mark 10 is in the form of electrical impulses to give a switch-open or switch-closed indication to the Data-Phone data set. The output receptacle, located on the rear of the unit, mates with the standard 402A or 402C Data-Phone input socket.

OTHER TALLY DATA SYSTEMS

For higher speed and larger message unit applications, Tally offers the Mark 1 Series for one and two way data communications. The Mark 1A-1B System provides one way data transmission at speeds up to 750 words per minute using 5 or 8 level perforated tape. Reeling accommodates long messages.

The Mark 1D provides two way data communication. Because of its built-in reliability and error detection features, the Mark 1D offers good performance even over marginal telephone lines at speeds up to 750 words per minute. Tally also makes a variety of tape duplication, verification, conversion, and typing systems which are fully described in our catalog.

RENTAL AND SERVICE ARRANGEMENTS

The Mark 10 is offered both for sale and rental. Minimum rental agreement is for one year. Service is included in the rental contract. Tally offers nation-wide customer service through the EDP Division of R.C.A. Service Company for both rented and purchased units and a communications center in Seattle for remote line and equipment testing. In the event your Mark 10 should require service, Tally will send you an exchange unit. This plan offers service in a matter of hours in locations where, until now, data gathering has been impractical.

WARRANTY

Tally Corporation warrants its equipment to be free from defect in materials and workmanship. Tally's sole obligation, under this warranty, is to bear the cost of parts and labor for the repair or replacement of Tally equipment which fails to meet the applicable Tally specification within three (3) months after installation by the end user; and to bear the cost of the parts only, for any repair made to the equipment for an additional nine months.

For service under this warranty, call the nearest Tally authorized service agency listed in the equipment manual. All requests for service should refer to the model and serial number of the equipment. The above warranty to repair or replace defective equipment is in lieu of all other warranties, express or implied, statutory or otherwise, and Tally Corporation shall not be liable for damages or delays.



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